Southern Nuclear

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Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 3
ITAAC Closure Notification on Completion of ITAAC Item 2.7.04.03 [Index Number 716]

Ladies and Gentlemen:

In accordance with 10 CFR 52.99(c)(1), the purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) of the completion of Vogtle Electric Generating Plant (VEGP) Unit 3 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.7.04.03 [Index Number 716]. This ITAAC confirms controls exist in the Main Control Room (MCR) to cause the components identified in Combined License (COL) Table 2.7.4-1 to perform the listed functions and confirms the display of the parameters can be retrieved in the MCR. The closure process for this ITAAC is based on the guidance described in Nuclear Energy Institute (NEI) 08-01, "Industry Guideline for the ITAAC Closure Process under 10 CFR Part 52," which was endorsed by the NRC in Regulatory Guide 1.215.

This letter contains no new NRC regulatory commitments. Southern Nuclear Operating Company (SNC) request NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99.

If there are any questions, please contact Kelli A. Roberts at 706-848-6991.

Respectfully submitted,

Michael J. Yox
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.7.04.03 [Index Number 716]

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Southern Nuclear Operating Company
ND-21-0713
Enclosure

Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.7.04.03 [Index Number 716]

ITAAC Statement

Design Commitment

3. Controls exist in the MCR to cause the components identified in Table 2.7.4-1 to perform the listed function.

4. Displays of the parameters identified in Table 2.7.4-1 can be retrieved in the MCR.

Inspections, Tests, Analyses

Testing will be performed on the components in Table 2.7.4-1 using controls in the MCR.

Inspection will be performed for retrievability of the parameters in the MCR.

Acceptance Criteria

Controls in the MCR operate to cause the components listed in Table 2.7.4-1 to perform the listed functions.

The displays identified in Table 2.7.4-1 can be retrieved in the MCR.

ITAAC Determination Basis

Tests and inspections were performed to ensure controls exist in the Main Control Room (MCR) to cause the components identified in Combined License (COL) Table 2.7.4-1 (Attachment A) to perform the listed functions and to verify the displays of the parameters listed in Attachment A can be retrieved in the MCR.

Controls in the MCR operate to cause the components listed in Table 2.7.4-1 to perform the listed functions.

Testing was performed in accordance with the Unit 3 component test procedure listed in Reference 1 to verify controls in the MCR operate to cause the Diesel Generator Building Ventilation System (VZS) components (fans and heaters) listed in COL appendix C Table 2.7.4-1 (Attachment A) to perform the listed functions. At a MCR operator workstation, the fans listed in Attachment A were started using Plant Control System (PLS) controls from the MCR. For the heaters listed in Attachment A, the applicable heater controller was locally adjusted to above ambient temperature and the heaters were enabled using PLS controls from the MCR. Inspections verified the fans started and heaters energized on the PLS monitor in the MCR and was documented in the test. Local verification of fan and heater status was performed during the component testing.

Unit 3 test results (Reference 1) confirmed that controls in the MCR operate to cause the components listed in Table 2.7.4-1 to perform the listed functions.

The displays identified in Table 2.7.4-1 can be retrieved in the MCR.

An inspection was performed in accordance with the Unit 3 component test procedure listed in Reference 1 for VZS component indication verifications, and visually confirmed that when each of the displays of parameters identified in Attachment A was summoned at a MCR workstation, the summoned plant parameter appeared on a display monitor at that MCR workstation.

The Unit 3 test results (Reference 1) confirmed that the VEGP Unit 3 plant parameter displays identified in Attachment A can be retrieved in the MCR.

Reference 1 is available for NRC inspection as well as the Unit 3 ITAAC 2.7.04.03 Completion Package (Reference 2).

ITAAC Finding Review

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of all ITAAC findings pertaining to the subject ITAAC and associated corrective actions. This review found there were no relevant findings associated with this ITAAC. The review is documented in the ITAAC Completion Package (Reference 2) and is available for NRC review.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.7.04.03 was performed for VEGP Unit 3 and that the prescribed acceptance criteria were met.

Systems, structures, and components verified as part of this ITAAC are being maintained in their as-designed, ITAAC compliant condition in accordance with approved plant programs and procedures.

References (available for NRC inspection)

1. 3-VZS-ITR-800716, Rev 0, "*Unit 3 VZS Diesel Generator Building Heating and Ventilation System Controls and Indications Test Results*"
2. 2.7.04.03-U3-CP-Rev0, ITAAC Completion Package

Attachment A
*Excerpt of COL Appendix C Table 2.7.4-1

Table 2.7.4-1*			
Equipment Name*	Tag No. *	Display*	Control Function*
Diesel Generator Room A Standby Exhaust Fans	VZS-MY-V01A VZS-MY-V02A	Yes (Run Status)	Start
Diesel Generator Room B Standby Exhaust Fans	VZS-MY-V01B VZS-MY-V02B	Yes (Run Status)	Start
Service Module A Air Handling Units (AHU) Supply Fan	VZS-MA-01A	Yes (Run Status)	Start
Service Module B AHU Supply Fan	VZS-MA-01B	Yes (Run Status)	Start
Diesel Oil Transfer Module Enclosure A Exhaust Fan	VZS-MY-V03A	Yes (Run Status)	Start
Diesel Oil Transfer Module Enclosure A Electric Unit Heater	VZS-MY-U03A	Yes (Run Status)	Energize
Diesel Oil Transfer Module Enclosure B Exhaust Fan	VZS-MY-V03B	Yes (Run Status)	Start
Diesel Oil Transfer Module Enclosure B Electric Unit Heater	VZS-MY-U03B	Yes (Run Status)	Energize